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Glycopeptide; *Escherichia coli* (Sherman, P. (61) 121)

DNA homology
Vibrio costicola; Moderately halophilic eubacteria (Gutiérrez, M.C. (61) 37)

DNA probe
Repeated sequences; *Streptomyces*; Colony hybridization (Kuczek, K. (61) 257)

Dunaliella
Glycerol metabolism; Hypoosmotic stress; Osmoregulation (Goyal, A. (61) 145)

Dye-ligand affinity chromatography
Staphylococcus aureus; Endo-β-*N*-acetylglucosaminidase; Purification (Sugai, M. (61) 267)

Electropermeabilization
Electro-transformation; *Bacillus subtilis*; pUB110; pC194; pE194 (Vehmaanperä, J. (61) 165)

Electroporation
Bacteroides; Transformation; Plasmids (Thomson, A.M. (61) 101)

Azospirillum; Plasmid DNA (Vande Broek, A. (61) 177)

Brevibacterium lactofermentum; Tween 80 (Haynes, J.A. (61) 329)

Electro-transformation
Electropermeabilization; *Bacillus subtilis*; pUB110; pC194; pE194 (Vehmaanperä, J. (61) 165)

Endo-β-*N*-acetylglucosaminidase
Staphylococcus aureus; Purification; Dye-ligand affinity chromatography (Sugai, M. (61) 267)

Enzyme inactivation
Candida utilis; Trehalose-6-phosphate synthases; Protein phosphorylation (Vicente-Soler, J. (61) 273)

Enzyme purification
Malate synthase; Peroxisomes; *Hansenula polymorpha* (Bruinenberg, P.G. (61) 11)

Erwinia ananas
Ice nucleation activity; *ina*A (Arai, S. (61) 53)

Erythrocyte
Vibrio vulnificus; Vibrio; Hemolysis; Hemolysin; Cytolysin (Yamanaka, H. (61) 251)

Erythrocyte lysis
Porphyromonas gingivalis; Protease; Haemagglutination; Vesicles (Shah, H.N. (61) 213)

Escherichia coli
Cell wall; LPS particles (Zorzopulos, J. (61) 23)

Antigenic cross-reaction; Fimbriae; ETEC (McConnell, M.M. (61) 105)

Glycopeptide; Diarrheal disease (Sherman, P. (61) 121)

Contaminating proteins; Inclusion bodies; N-terminal sequence (Veeraragavan, K. (61) 149)

Lactococcus lactis; Plasmid; Complementation; Lactose transport gene (Ross, R. (61) 183)

Outer membrane protein; Adhesion (Chart, H. (61) 291)

Outer membrane protein; Maltodextrin binding; Phage Lambda binding (Ferenci, T. (61) 335)

Essential region of replicon
Streptomyces plasmid; vector construction (Petříček, M. (61) 109)

ETEC
Escherichia coli; Antigenic cross-reaction; Fimbriae (McConnell, M.M. (61) 105)

Exolipid
Serratia marcescens; Spreading growth; Fractal (Matsuyama, T. (61) 243)

Extracellular haemolysin
Aeromonas salmonicida; Extracellular protease; Lethal toxin (Atlantic salmon) (Lee, K.-K. (61) 127)

Extracellular protease
Aeromonas salmonicida; Extracellular haemolysin; Lethal toxin (Atlantic salmon) (Lee, K.-K. (61) 127)

Extracellular protein
Staphylococcus aureus; Gene expression (Coleman, G. (61) 247)

Facultative anaerobe
Aerobic metabolism; Anaerobic metabolism (Niimura, Y. (61) 79)

Fimbriae
Escherichia coli; Antigenic cross-reaction; ETEC (McConnell, M.M. (61) 105)

Flocculation
Yeast (Bielecki, S. (61) 189)

Formaldehyde oxidation
Methanogenesis from methanol; *Methanosarcina barkeri*; Tetrahydromethanopterin-b; Methanofuran-b (Mahlmann, A. (61) 115)

Fosfomycin
Staphylococcus epidermis; Plasmid; Antibiotic resistance (Etienne, J. (61) 133)

Fractal
Serratia marcescens; Exolipid; Spreading growth (Matsuyama, T. (61) 243)

Gene expression
Staphylococcus aureus; Extracellular protein (Coleman, G. (61) 247)

Gentamicin
Apramycin; Resistance; Plasmids; Hybridization (Chaslus-Dancla, E. (61) 261)

Glutamate dehydrogenase
Chlamydomas reinhardtii (Muñoz-Blanco, J. (61) 315)

Glycerol metabolism
Dunaliella; Hypoosmotic stress; Osmoregulation (Goyal, A. (61) 145)

Glycopeptide
Escherichia coli; Diarrheal disease (Sherman, P. (61) 121)

Haemagglutination
Porphyromonas gingivalis; Protease; Erythrocyte lysis; Vesicles (Shah, H.N. (61) 213)

Haemolytic activity
Serratia marcescens; Lysis (Goluszko, P. (61) 207)

Hansenula polymorpha
Malate synthase; Enzyme purification; Peroxisomes (Bruinenberg, P.G. (61) 11)

Heat-labile enterotoxin
A and B subunits, p*I* point (Tsuji, T. (61) 1)

Heme
Desulfovibrio; Nitrite; Respiration; Phosphorylation; Membranes; Protoporphyrin (Klemm, D.J. (61) 61)

Hemolysin
Vibrio hollisae; Vh-rTDH (Yoh, M. (61) 171)

Erythrocyte; *Vibrio vulnificus; Vibrio*; Hemolysis; Cytolysin (Yamanaka, H. (61) 251)

Hemolysis
Erythrocyte; *Vibrio vulnificus; Vibrio*; Hemolysin; Cytolysin (Yamanaka, H. (61) 251)

Hybridization
Apramycin; Gentamicin; Resistance; Plasmids (Chaslus-Dancla, E. (61) 261)

Hybrid organisms
Chlorobenzoate utilization; Chlorocatechol degrading enzymes (Hartmann, J. (61) 17)

poly-β-Hydroxybutyric acid
Staphylococci (Szewczyk, E. (61) 279)

Hypoosmotic stress
Dunaliella; Glycerol metabolism; Osmoregulation (Goyal, A. (61) 145)

Ice nucleation activity
Erwinia ananas; *ina*A (Arai, S. (61) 53)

Immunoelectron microscopy
Clostridium thermocellum; Cellulase (Nolte, A. (61) 65)

***ina*A**
Erwinia ananas; Ice nucleation activity (Arai, S. (61) 53)

Inclusion bodies
Contaminating proteins; *Escherichia coli*; N-terminal sequence (Veeraragavan, K. (61) 149)

Lactococcus lactis
Plasmid; *Escherichia coli*; Complementation; Lactose transport gene (Ross, R. (61) 183)

Lactose transport gene
Lactococcus lactis; Plasmid; *Escherichia coli*; Complementation (Ross, R. (61) 183)

Lethal toxin (Atlantic salmon)
Aeromonas salmonicida; Extracellular protease; Extracellular haemolysin (Lee, K.-K. (61) 127)

Lignin metabolism
Biphenyl structure; Aromatic ring fission; Quinone structure; Wood-rotting fungus; *Coriolus versicolor* (Katayama, Y. (61) 307)

LPS particles
Escherichia coli; Cell wall (Zorzopulos, J. (61) 23)

Lysis
Serratia marcescens; Haemolytic activity (Goluszko, P. (61) 207)

Malate synthase
Enzyme purification; Peroxisomes; *Hansenula polymorpha* (Bruinenberg, P.G. (61) 11)

Maltodextrin binding
Escherichia coli; Outer membrane protein; Phage Lambda binding (Ferenci, T. (61) 335)

Membrane potential
Bacillus sp.; Transmembrane pH gradient; Stability (Koyama, N. (61) 7)

Membranes
Heme; *Desulfovibrio*; Nitrite; Respiration; Phosphorylation; Protoporphyrin (Klemm, D.J. (61) 61)

Methanobacterium thermoautotrophicum
Methanogens; Archaebacteria; Cell walls; Peptidoglycan; Murein; Pseudomurein; Biosynthesis (Hartmann, E. (61) 323)

Methanofuran-b
Methanogenesis from methanol; Formaldehyde oxidation; *Methanosarcina barkeri*; Tetrahydromethanopterin-b (Mahlmann, A. (61) 115)

Methanogenesis from methanol
Formaldehyde oxidation; *Methanosarcina barkeri*; Tetrahydromethanopterin-b; Methanofuran-b (Mahlmann, A. (61) 115)

Methanogens
Archaebacteria; *Methanobacterium thermoautotrophicum*; Cell walls; Peptidoglycan; Murein; Pseudomurein; Biosynthesis (Hartmann, E. (61) 323)

Methanosarcina barkeri
Methanogenesis from methanol; Formaldehyde oxidation; Tetrahydromethanopterin-b; Methanofuran-b (Mahlmann, A. (61) 115)

Methionine sulfoximine
Photosynthetic bacteria; *Rhodobacter capsulatus*; Resistant strain (Romero, F. (61) 203)

Methylesterase
Pectin; Polygalacturonate hydrolase; *Clostridium thermosaccharolyticum* (Van Rijssel, M. (61) 41)

Moderately halophilic eubacteria
Vibrio costicola; DNA homology (Gutiérrez, M.C. (61) 37)

Murein
Methanogens; Archaebacteria; *Methanobacterium thermoautotrophicum*; Cell walls; Peptidoglycan; Pseudomurein; Biosynthesis (Hartmann, E. (61) 323)

Mutant
Thermostatic direct hemolysin; *Vibrio parahaemolyticus* (Honda, T. (61) 95)

Mycobacteria
Nucleotide sequence; rRNA (Estrada-G, I.C.E. (61) 285)

Mycobacterium smegmatis
Cell envelope; Cytochemistry (Mamadou, D. (61) 89)

Naphthalene catabolism
Catechol-2,3-dioxygenase; Salicylate-hydroxylase (García-Valdés, E. (61) 301)

nifH
Desulfovibrio gigas; Nitrogen fixation (Kent, H.M. (61) 73)

Nitrite
Heme; *Desulfovibrio*; Respiration; Phosphorylation; Membranes; Protoporphyrin (Klemm, D.J. (61) 61)

Nitrogen fixation
Desulfovibrio gigas; nifH (Kent, H.M. (61) 73)

Norspermidine
Polyamine acetylation; Acetyltransferase (Yamamoto, S. (61) 225)

N-terminal sequence
Contaminating proteins; Inclusion bodies; *Escherichia coli* (Veeraragavan, K. (61) 149)

Nucleotide sequence
Mycobacteria; rRNA (Estrada-G, I.C.E. (61) 285)

Optimum conditions
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Osmoregulation
Dunaliella; Glycerol metabolism; Hypoosmotic stress (Goyal, A. (61) 145)

Outer membrane protein
Escherichia coli; Adhesion (Chart, H. (61) 291)

Escherichia coli; Maltodextrin binding; Phage Lambda binding (Ferenci, T. (61) 335)

Oxalic acid production
Sclerotinia sclerotiorum (Marciano, P. (61) 57)

pC194
Electro-transformation; Electropermeabilization; *Bacillus subtilis*; pUB110; pE194 (Vehmaanperä, J. (61) 165)

pE194
Electro-transformation; Electropermeabilization; *Bacillus subtilis*; pUB110; pC194 (Vehmaanperä, J. (61) 165)

Pectin
Methylesterase; Polygalacturonate hydrolase; *Clostridium thermosaccharolyticum* (Van Rijssel, M. (61) 41)

Peptidoglycan
Methanogens; Archaebacteria; *Methanobacterium thermoautotrophicum*; Cell walls; Murein; Pseudomurein; Biosynthesis (Hartmann, E. (61) 323)

***Peptostreptococcus* sp.**
Plasmid analysis; Antimicrobial susceptibility (Ng, L.-K. (61) 47)

Peroxisomes
Malate synthase; Enzyme purification; *Hansenula polymorpha* (Bruinenberg, P.G. (61) 11)

Phage Lambda binding
Escherichia coli; Outer membrane protein; Maltodextrin binding (Ferenci, T. (61) 335)

Phosphatidylinositol-specific phospholipase C
Purification; Specific activity; PI-glycan hydrolysis; Catalytic properties (Volwerk, J.J. (61) 237)

Phosphorylation
Heme; *Desulfovibrio*; Nitrite; Respiration; Membranes; Protoporphyrin (Klemm, D.J. (61) 61)

Photosynthetic bacteria
Rhodobacter capsulatus; Methionine sulfoximine; Resistant strain (Romero, F. (61) 203)

PI-glycan hydrolysis
Phosphatidylinositol-specific phospholipase C; Purification; Specific activity; Catalytic properties (Volwerk, J.J. (61) 237)

pIJ702
Streptomyces lividans; ppGpp; Thiopeptin (Ochi, K. (61) 219)

Plasma membrane
Autolysis; Cell wall surface; Ultrastructure; *Saccharomyces cerevisiae* (Takeo, K. (61) 297)

Plasmid
Fosfomycin; *Staphylococcus epidermis*; Antibiotic resistance (Etienne, J. (61) 133)

Lactococcus lactis; *Escherichia coli*; Complementation; Lactose transport gene (Ross, R. (61) 183)

Plasmid analysis
Peptostreptococcus sp.; Antimicrobial susceptibility (Ng, L.-K. (61) 47)

Plasmid DNA
Azospirillum; Electroporation (Vande Broek, A. (61) 177)

Plasmids
Bacteroides; Electroporation; Transformation (Thomson, A.M. (61) 101)

Apramycin; Gentamicin; Resistance; Hybridization (Chaslus-Dancla, E. (61) 261)

Pleurotus ostreatus
Cellulose hydrolysis ultrastructure; Delignification (Schiesser, A. (61) 159)

Polyamine acetylation
Norspermidine; Acetyltransferase (Yamamoto, S. (61) 225)

Polyamine auxotroph
Yeasts; Aminopropylcadaverine; Aminopropylhomospermidine (Hamana, K. (61) 231)

Polygalacturonate hydrolase
Pectin; Methylesterase; *Clostridium thermosaccharolyticum* (Van Rijssel, M. (61) 41)

Porphyromonas gingivalis
Protease; Erythrocyte lysis; Haemagglutination; Vesicles (Shah, H.N. (61) 213)

ppGpp
Streptomyces lividans; Thiopeptin; pIJ702 (Ochi, K. (61) 219)

Properties
Cyanobacteria; *Anabaena doliolum*; Urease; Purification (Rai, A.K. (61) 319)

Protease
Porphyromonas gingivalis; Erythrocyte lysis; Haemagglutination; Vesicles (Shah, H.N. (61) 213)

Protein phosphorylation
Candida utilis; Trehalose-6-phosphate synthases; Enzyme inactivation (Vicente-Soler, J. (61) 273)

Protoporphyrin
Heme; *Desulfovibrio*; Nitrite; Respiration; Phosphorylation; Membranes (Klemm, D.J. (61) 61)

Pseudomonas putida
2,4-Xylenol; *p*-Cresol; Catabolic plasmid (Dean, H.F. (61) 153)

***Pseudomonas* sp.**
Selenate reduction; Anaerobic respiration (Macy, J.M. (61) 195)

Pseudomurein
Methanogens; Archaebacteria; *Methanobacterium thermoautotrophicum*; Cell walls; Peptidoglycan; Murein; Biosynthesis (Hartmann, E. (61) 323)

pUB110
Electro-transformation; Electropermeabilization; *Bacillus subtilis*; pC194; pE194 (Vehmaanperä, J. (61) 165)

Purification
Phosphatidylinositol-specific phospholipase C; Specific activity; PI-glycan hydrolysis; Catalytic properties (Volwerk, J.J. (61) 237)

Staphylococcus aureus; Endo-β-*N*-acetylglucosaminidase; Dye-ligand affinity chromatography (Sugai, M. (61) 267)

Cyanobacteria; *Anabaena doliolum*; Urease; Properties (Rai, A.K. (61) 319)

Quinone structure
Lignin metabolism; Biphenyl structure; Aromatic ring fission; Wood-rotting fungus; *Coriolus versicolor* (Katayama, Y. (61) 307)

Regulation
Anabaena doliolum; Cyanobacterium; Urea-uptake (Singh, S. (61) 199)

Repeated sequences
DNA probe; *Streptomyces*; Colony hybridization (Kuczek, K. (61) 257)

Resistance
Apramycin; Gentamicin; Plasmids; Hybridization (Chaslus-Dancla, E. (61) 261)

Resistant strain
Photosynthetic bacteria; *Rhodobacter capsulatus*; Methionine sulfoximine (Romero, F. (61) 203)

Respiration
Heme; *Desulfovibrio*; Nitrite; Phosphorylation; Membranes; Protoporphyrin (Klemm, D.J. (61) 61)

Rhodobacter capsulatus
Photosynthetic bacteria; Methionine sulfoximine; Resistant strain (Romero, F. (61) 203)

rRNA
Mycobacteria; Nucleotide sequence (Estrada-G, I.C.E. (61) 285)

Saccharomyces cerevisiae
Autolysis; Cell wall surface; Plasma membrane; Ultrastructure (Takeo, K. (61) 297)

Salicylate-hydroxylase
Naphthalene catabolism; Catechol-2,3-dioxygenase (García-Valdés, E. (61) 301)

Sclerotinia sclerotiorum
Oxalic acid production (Marciano, P. (61) 57)

Selenate reduction
Pseudomonas sp.; Anaerobic respiration (Macy, J.M. (61) 195)

Serratia marcescens
Haemolytic activity; Lysis (Goluszko, P. (61) 207)

Exolipid; Spreading growth; Fractal (Matsuyama, T. (61) 243)

Specific activity
Phosphatidylinositol-specific phospholipase C; Purification; PI-glycan hydrolysis; Catalytic properties (Volwerk, J.J. (61) 237)

Spores
Clostridium bifermentans; Sporulation; Amino acid sequence (Cabrera-Martinez, R.M. (61) 139)

Sporulation
Clostridium bifermentans; Spores; Amino acid sequence (Cabrera-Martinez, R.M. (61) 139)

Spreading growth
Serratia marcescens; Exolipid; Fractal (Matsuyama, T. (61) 243)

Stability
Bacillus sp.; Membrane potential; Transmembrane pH gradient (Koyama, N. (61) 7)

Staphylococci
poly-β-Hydroxybutyric acid (Szewczyk, E. (61) 279)

Staphylococcus aureus
Extracellular protein; Gene expression (Coleman, G. (61) 247)

Endo-β-*N*-acetylglucosaminidase; Purification; Dye-ligand affinity chromatography (Sugai, M. (61) 267)

Staphylococcus epidermis
Fosfomycin; Plasmid; Antibiotic resistance (Etienne, J. (61) 133)

Streptomyces
DNA probe; Repeated sequences; Colony hybridization (Kuczek, K. (61) 257)

Streptomyces lividans
ppGpp; Thiopeptin; pIJ702 (Ochi, K. (61) 219)

***Streptomyces* plasmid**
essential region of replicon; vector construction (Petříček, M. (61) 109)

Tetrahydromethanopterin-b
Methanogenesis from methanol; Formaldehyde oxidation; *Methanosarcina barkeri*; Methanofuran-b (Mahlmann, A. (61) 115)

Thermostatic direct hemolysin
Vibrio parahaemolyticus; Mutant (Honda, T. (61) 95)

Thiopeptin
Streptomyces lividans; ppGpp; pIJ702 (Ochi, K. (61) 219)

Transformation
Bacteroides; Electroporation; Plasmids (Thomson, A.M. (61) 101)

Transmembrane pH gradient
Bacillus sp.; Membrane potential; Stability (Koyama, N. (61) 7)

Trehalose-6-phosphate synthases
Candida utilis; Protein phosphorylation; Enzyme inactivation (Vicente-Soler, J. (61) 273)

Tween 80
Electroporation; *Brevibacterium lactofermentum* (Haynes, J.A. (61) 329)

Ultrastructure
Autolysis; Cell wall surface; Plasma membrane; *Saccharomyces cerevisiae* (Takeo, K. (61) 297)

Urease
Cyanobacteria; *Anabaena doliolum*; Purification; Properties (Rai, A.K. (61) 319)

Urea-uptake
Anabaena doliolum; Cyanobacterium; Regulation (Singh, S. (61) 199)

Vector construction
Streptomyces plasmid; essential region of replicon (Petříček, M. (61) 109)

Vesicles
Porphyromonas gingivalis; Protease; Erythrocyte lysis; Haemagglutination (Shah, H.N. (61) 213)

Vh-rTDH
Vibrio hollisae; Hemolysin (Yoh, M. (61) 171)

Vibrio
Erythrocyte; *Vibrio vulnificus; Hemolysis; Hemolysin; Cytolysin* (Yamanaka, H. (61) 251)

Vibrio costicola
Moderately halophilic eubacteria; DNA homology (Gutiérrez, M.C. (61) 37)

Vibrio hollisae
Vh-rTDH; Hemolysin (Yoh, M. (61) 171)

Vibrio parahaemolyticus
Thermostatic direct hemolysin; Mutant (Honda, T. (61) 95)

Vibrio vulnificus
Erythrocyte; Vibrio; Hemolysis; Hemolysin; Cytolysin (Yamanaka, H. (61) 251)

Wood-rotting fungus
Lignin metabolism; Biphenyl structure; Aromatic ring fission; Quinone structure; *Coriolus versicolor* (Katayama, Y. (61) 307)

2,4-Xylenol
Pseudomonas putida; *p*-Cresol; Catabolic plasmid (Dean, H.F. (61) 153)

Yeast
Flocculation (Bielecki, S. (61) 189)

Yeasts
Polyamine auxotroph; Aminopropylcadaverine; Aminopropylhomospermidine (Hamana, K. (61) 231)